FIG.1

10

CAMERA 20

VIDEO SIGNAL

DISPLAY 22

PARKING-ASSIST ECU 12

SPEAKER

PARKING SWITCH 52

MOVING DISTANCE INFORMATION

ACTUAL STEERING ANGLE

TARGET STEERING ANGLE

INTERVENED STEERING ANGLE INFORMATION

STEERING CONTROL ECU 30

STEERING ANGLE SENSOR 16

MOTOR 32

TORQUE SENSOR

STEERING COLUMN ASSEMBLY
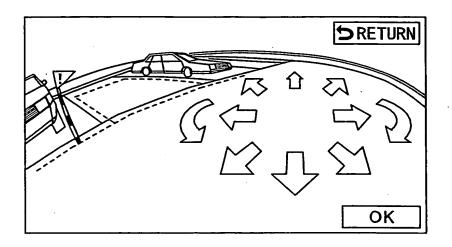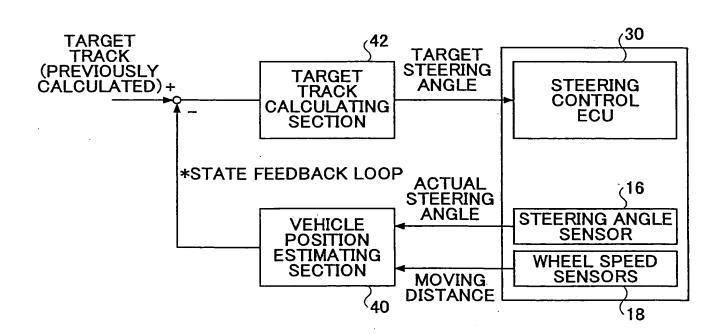
VEHICLE SPEED SENSOR 18

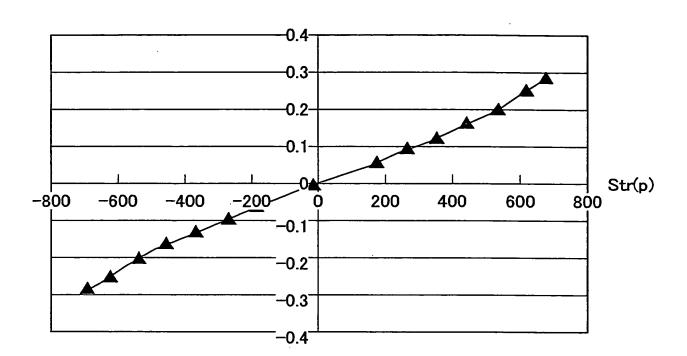REVERSE SHIFT SWITCH 50
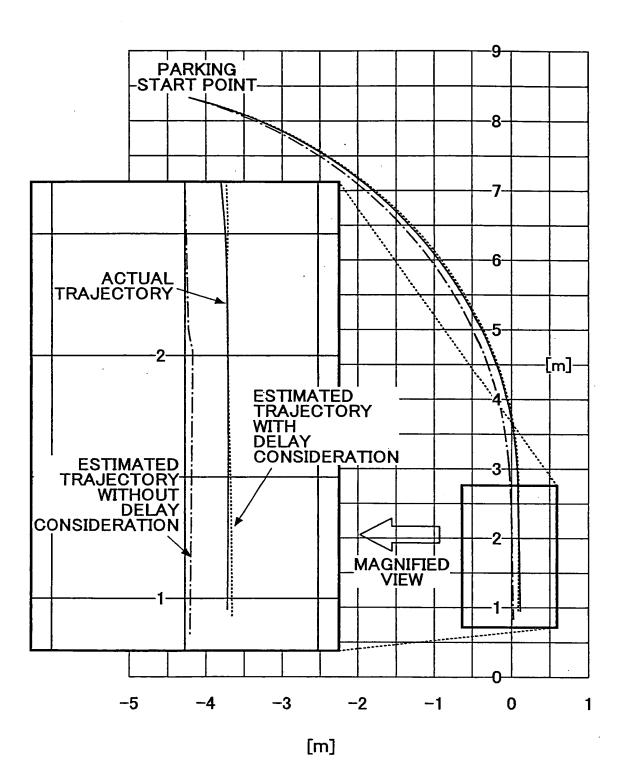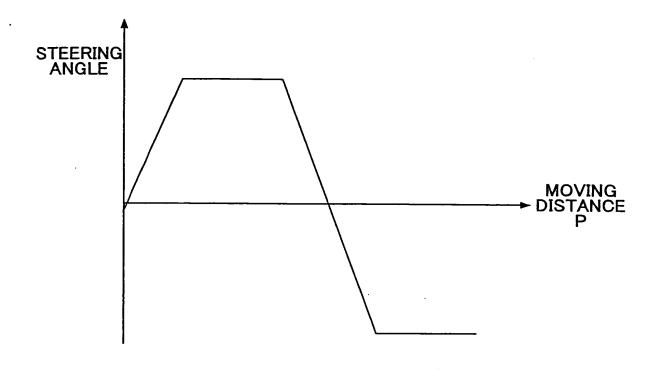
CAN

FIG.2

FIG.3

FIG.4

TURNING CURVATURE g(Str)[1/m]

FIG.5

FIG.6A

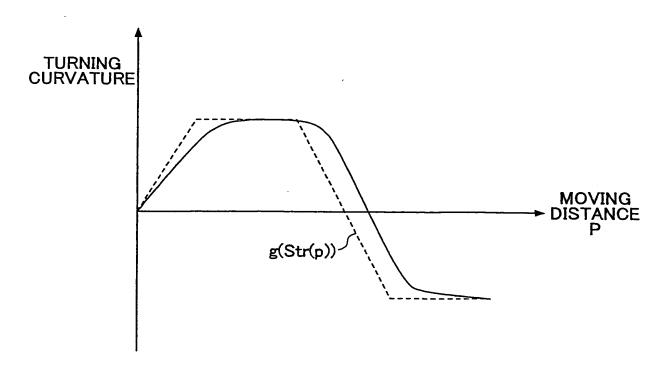STEERING ANGLE

MOVING DISTANCE P

FIG.6B

TURNING CURVATURE

MOVING DISTANCE P

$g(Str(p))$

FIG.7